Amendment to the Claims

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

Claims 1-20 (cancelled)

21. (New)   A method for detecting and operating a plurality of expansion cards, comprising the steps of:

detecting that a card is inserted into a card socket;

determining the type of card using conventional PC Card signal lines;

enabling Smart Card reader logic or conventional PC Card reader logic when the type of card is determined; and

enabling MUX logic to provide communication between said card and bus controller logic using conventional PC Card communication protocols.

22. (New)   A method as claimed in claim 21, said step of determining the type of card further comprising the steps of:

determining the signal state of a first and second card detection signal lines;

determining the signal state of a first and second voltage select signal lines;

determining if said first and/or second card detection signal lines, or said first and/or second voltage select signal lines, comprise a signal state that is reserved by a PC Card signal specification;

determining the signal state of a PC Card signal line that is unused during the detection of a PC Card; and

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determining the presence of an expansion card that complies with the PC Card

Specification and/or an expansion card that complies with a specification other than said

PC Card Specification based on the signal states of said first and/or second card detection

signal lines, and/or said first and/or said second voltage select signal lines, and/or said

unused PC Card signal line.

23. (New)   A method as claimed in claim 21, further comprising the steps of:

interfacing said card to a bus using said bus controller logic to provide

communication between said bus and said card.

24. (New)   A system for the detection and operation of a plurality of expansion cards,

comprising:

a first socket for receiving a first expansion card that complies with the PC Card

Specification;

a second socket for receiving a second expansion card that complies with a

specification other than said PC Card Specification;

an integrated controller comprising first logic sets for detecting and operating said

first expansion card, second logic sets for detecting and operating said second expansion

card, MUX logic enabled by said first and/or second logic sets to provide communication

between said first and/or second expansion card and a bus controller logic using

conventional PC card communication protocols.

25. (New)   A system as claimed in claim 24, wherein said first card comprising a

CardBus card.

26. (New)   A system as claimed in claim 24, wherein said second card comprising a

Smart Card.

27. (New)   A system as claimed in claim 24, said integrated controller further comprising a bus interface to permit said bus controller logic to communicate with a bus.

28. (New)   A system as claimed in claim 27, wherein said bus comprises a PCI bus and said bus controller logic comprises PCI bus and conventional PC card communication protocols.

29. (New)   A system as claimed in claim 24, wherein said second logic set detects said second card using convention PC Card signal lines.

30. (New)   An integrated controller for reading a plurality of expansion cards, comprising:

   first logic sets for detecting and operating a first expansion card;

   second logic sets for detecting and operating a second expansion card; and

   a bus interface controller adapted to provide communication between said first and/or second expansion card and a bus interface using conventional PC card communication protocols.

31. (New) A controller as claimed in claim 30, wherein said first expansion card comprises a Smart Card.

32. (New) A controller as claimed in claim 30, wherein said second expansion card comprises a CardBus and/or PCMCIA card.

33. (New) A controller as claimed in claim 30, wherein said PC Card communication protocols comprise CardBus and/or PCMCIA communication protocols.